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CASWELL FILE (1871)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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JUN 24 1986

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCE

MEMORANDUM

SUBJECT: Chevron Naled Technical --- Acute Inhalation Study; re-classification
of TOXICITY CATEGORY

ID # 239-1633

Caswell 586

TO: Wm. Miller/G. Otakie, PM 16
Registration Division (TS-767)

FROM: Irving Mauer, Ph.D.
Toxicology Branch
Hazard Evaluation Division (TS-769)

THRU: Jane E. Harris, Ph.D., Head
Section VI, Toxicology Branch
Hazard Evaluation Division (TS-769)

Registrant: Chevron Chemical, Richmond CA

Action Requested (660): Respond to registrant's request of April 4, 1986,
to re-classify the following acute inhalation study recently
reviewed by TB (memo: Mauer to Miller/Otakie, December 9, 1985):

The Acute Inhalation Toxicity of Naled Technical (SX-1554) in Rats.
SOCAL 2266. February 19, 1985, S-2458. (Accession No. 257458),

... graded as CORE-MINIMUM DATA, and classified TOX CAT. I
based upon reported LC 50's of 0.20 mg/L in males and 0.19
mg/L in females for four-hour exposures.

TB Recommendations/Conclusions: In concluding its review, TB classified this
study TOX CAT I from the categories described for acute inhalation
effects in 40 CFR 162.10(h), "... up to and including 0.2 mg/L."
In his request, the registrant points out that more recent
Labeling Requirements for Pesticides and Devices proposed for
40 CFR 156/157 (found at 49 FR No. 188, September 26, 1984)
assign these data for 4-hr exposures to TOX CAT II, "...
LC 50 > 0.05 thru 0.5 mg/L..." (ibid, p. 37982, Table
3).

Although not yet a Final Rule, TB is informed by RD (cf., Jean
M. Frane) that this more recent classification for acute inha-
lation effects is currently being applied by the Agency.
Accordingly, TB has no objection to granting the registrant's
request for re-assigning these data generated by this study
with Chevron Naled Technical to TOX CAT II.

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